

**METHOD OF LOW POLYMERIZATION OF alpha-OLEFIN**

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**Abstract of JP7018013**

**PURPOSE:**To provide the method by which an alpha-olefin, esp. ethylene, is lowly polymerized to selectively give a trimer, esp. 1-hexene, at a high yield while inhibiting the formation of a high-molecular polymer and hence a large industrial profit is provided.

**CONSTITUTION:**A low polymn. of an alpha-olefin is conducted by using a chromium catalyst comprising a chromium salt, an amine, and an alkylaluminum compd. in the presence of an arom. hydrocarbon compd. having at least three aliph. hydrocarbon substituent groups.

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